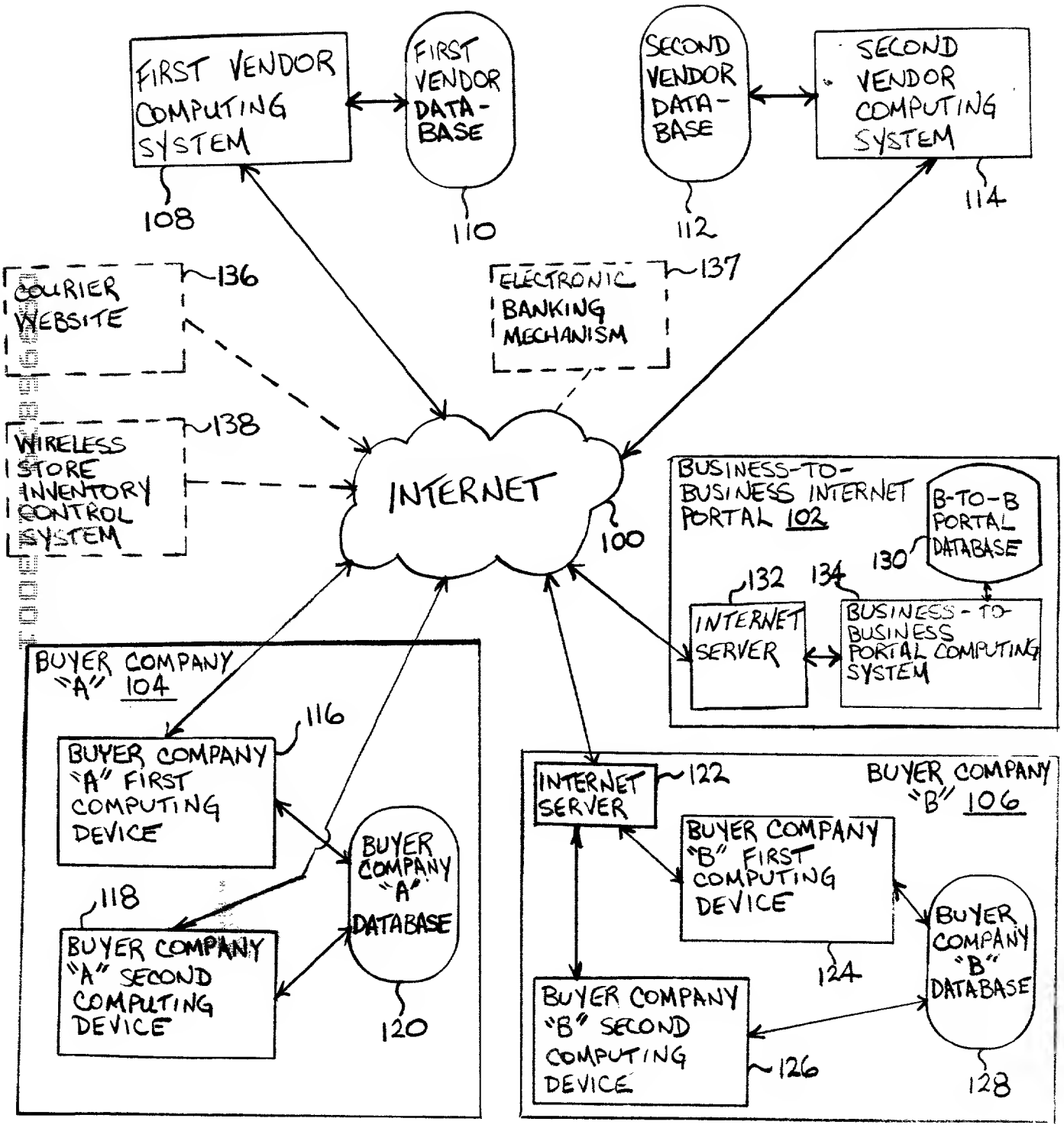
FIRST VENDOR COMPUTING SYSTEM
FIRST VENDOR DATA-BASE
SECOND VENDOR DATA-BASE
SECOND VENDOR COMPUTING SYSTEM
108
110
112
114
COURIER WEBSITE
136
ELECTRONIC BANKING MECHANISM
137
WIRELESS STORE INVENTORY CONTROL SYSTEM
138
INTERNET
100
BUSINESS-TO-BUSINESS INTERNET PORTAL 102
B-TO-B PORTAL DATABASE
130
132
134
INTERNET SERVER
BUSINESS-TO-BUSINESS PORTAL COMPUTING SYSTEM
BUYER COMPANY "A" 104
116
BUYER COMPANY "A" FIRST COMPUTING DEVICE
BUYER COMPANY "A" DATABASE
118
BUYER COMPANY "A" SECOND COMPUTING DEVICE
120
INTERNET SERVER
122
BUYER COMPANY "B" 106
BUYER COMPANY "B" FIRST COMPUTING DEVICE
124
BUYER COMPANY "B" DATABASE
BUYER COMPANY "B" SECOND COMPUTING DEVICE
126
128

FIG. 1

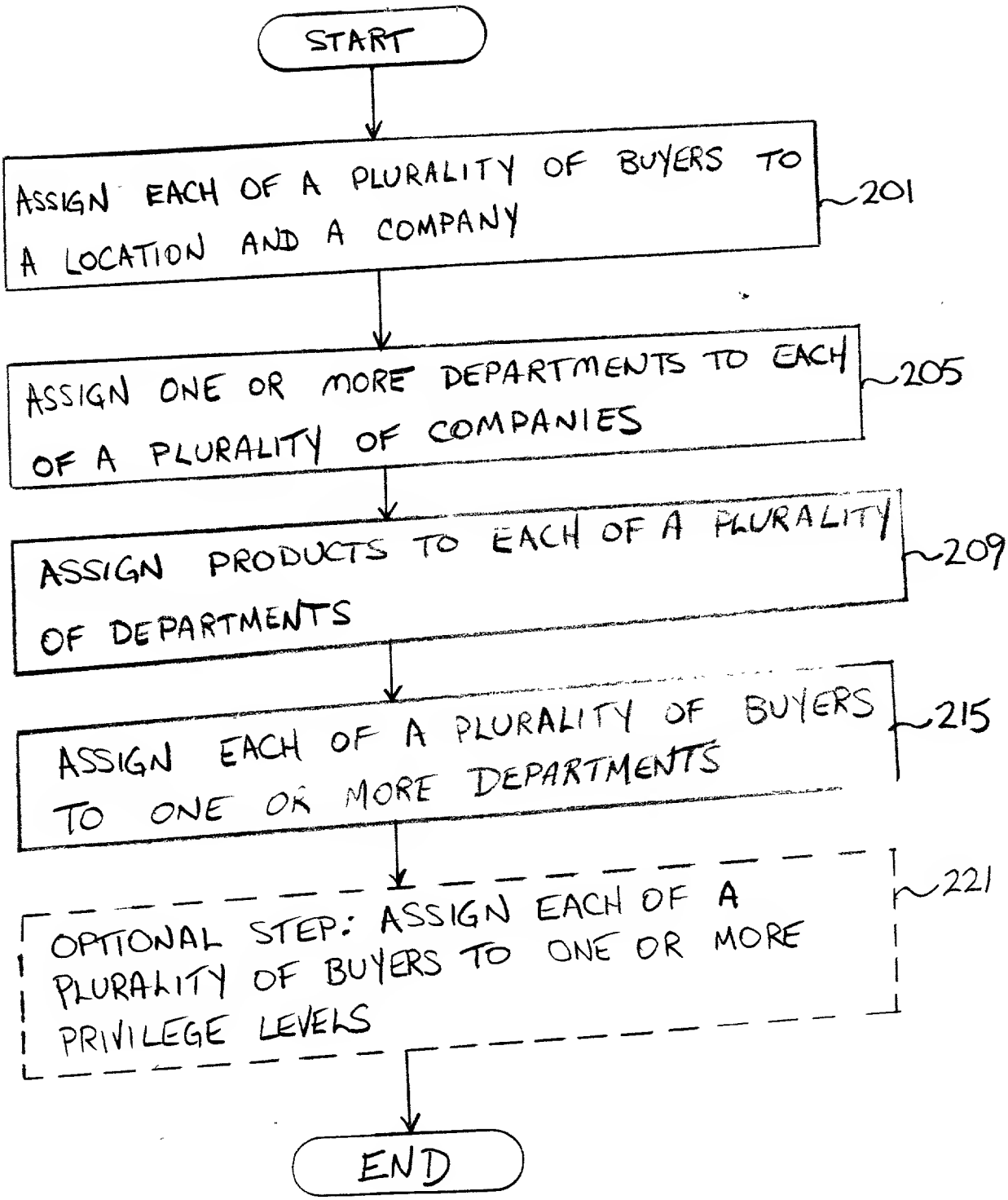
START
ASSIGN EACH OF A PLURALITY OF BUYERS TO A LOCATION AND A COMPANY
201
ASSIGN ONE OR MORE DEPARTMENTS TO EACH OF A PLURALITY OF COMPANIES
205
ASSIGN PRODUCTS TO EACH OF A PLURALITY OF DEPARTMENTS
209
ASSIGN EACH OF A PLURALITY OF BUYERS TO ONE OR MORE DEPARTMENTS
215
OPTIONAL STEP: ASSIGN EACH OF A PLURALITY OF BUYERS TO ONE OR MORE PRIVILEGE LEVELS
221
END

FIG 2

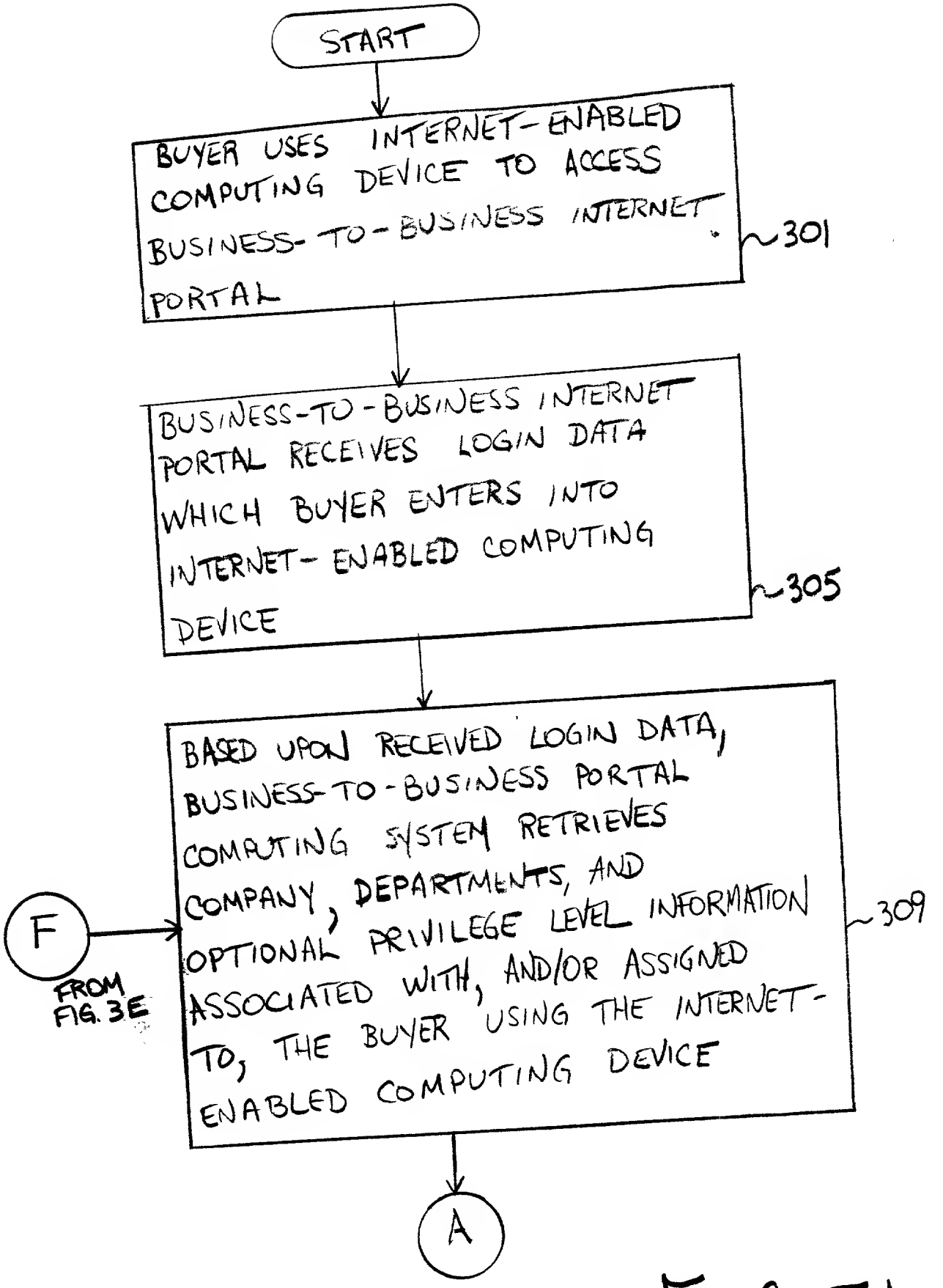
START
BUYER USES INTERNET-ENABLED COMPUTING DEVICE TO ACCESS BUSINESS-TO-BUSINESS INTERNET PORTAL
301
BUSINESS-TO-BUSINESS INTERNET PORTAL RECEIVES LOGIN DATA WHICH BUYER ENTERS INTO INTERNET-ENABLED COMPUTING DEVICE
305
BASED UPON RECEIVED LOGIN DATA, BUSINESS-TO-BUSINESS PORTAL COMPUTING SYSTEM RETRIEVES COMPANY, DEPARTMENTS, AND OPTIONAL PRIVILEGE LEVEL INFORMATION ASSOCIATED WITH, AND/OR ASSIGNED TO, THE BUYER USING THE INTERNET-ENABLED COMPUTING DEVICE
309
F
FROM FIG. 3E
A

FIG. 3A

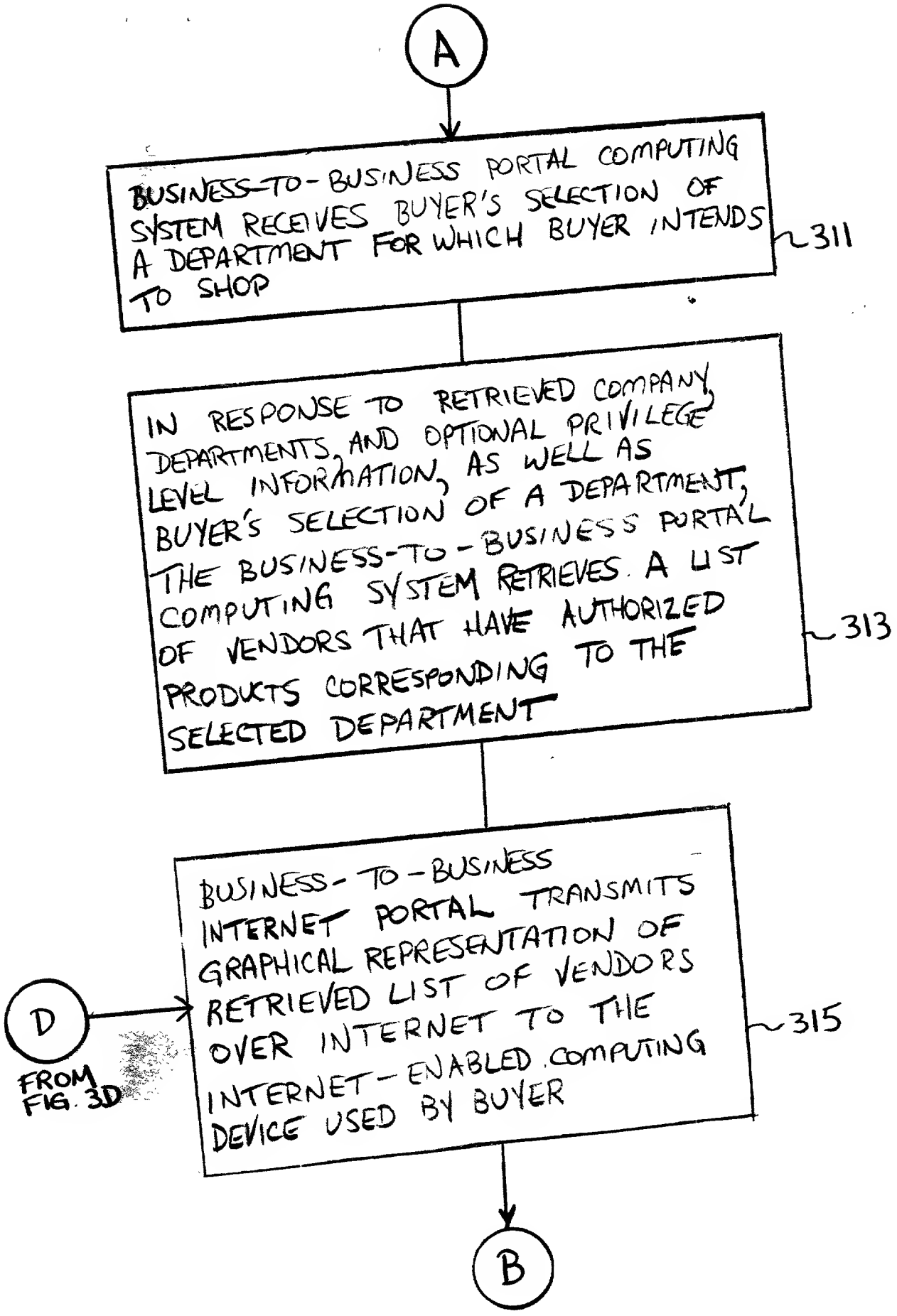
A
BUSINESS-TO-BUSINESS PORTAL COMPUTING SYSTEM RECEIVES BUYER'S SELECTION OF A DEPARTMENT FOR WHICH BUYER INTENDS TO SHOP
311
IN RESPONSE TO RETRIEVED COMPANY, DEPARTMENTS, AND OPTIONAL PRIVILEGE LEVEL INFORMATION, AS WELL AS BUYER'S SELECTION OF A DEPARTMENT, THE BUSINESS-TO-BUSINESS PORTAL COMPUTING SYSTEM RETRIEVES A LIST OF VENDORS THAT HAVE AUTHORIZED PRODUCTS CORRESPONDING TO THE SELECTED DEPARTMENT
313
D
FROM FIG. 3D
BUSINESS-TO-BUSINESS INTERNET PORTAL TRANSMITS GRAPHICAL REPRESENTATION OF RETRIEVED LIST OF VENDORS OVER INTERNET TO THE INTERNET-ENABLED COMPUTING DEVICE USED BY BUYER
315
B

FIG. 3B

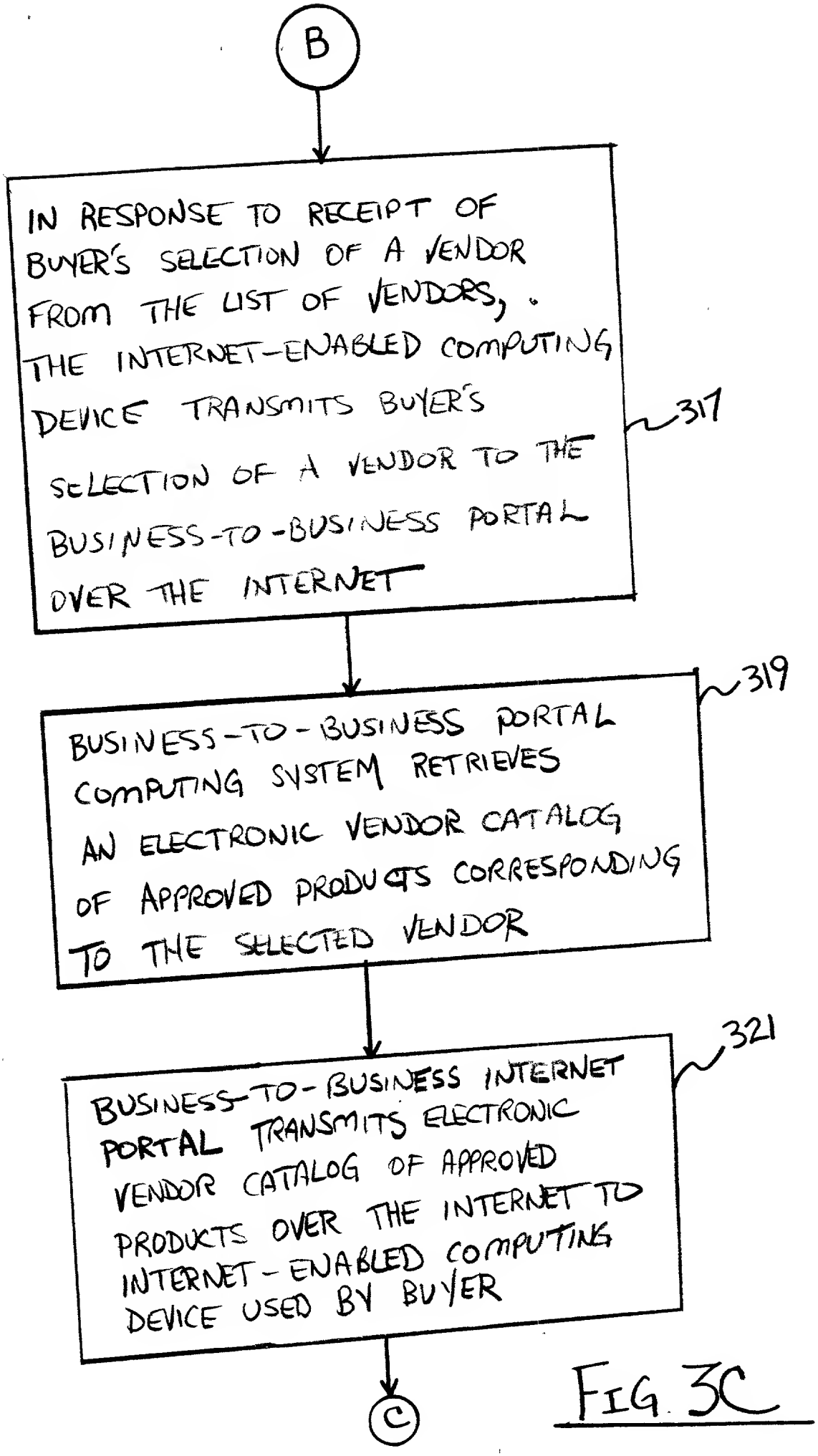
B
IN RESPONSE TO RECEIPT OF BUYER'S SELECTION OF A VENDOR FROM THE LIST OF VENDORS, THE INTERNET-ENABLED COMPUTING DEVICE TRANSMITS BUYER'S SELECTION OF A VENDOR TO THE BUSINESS-TO-BUSINESS PORTAL OVER THE INTERNET
317
BUSINESS-TO-BUSINESS PORTAL COMPUTING SYSTEM RETRIEVES AN ELECTRONIC VENDOR CATALOG OF APPROVED PRODUCTS CORRESPONDING TO THE SELECTED VENDOR
319
BUSINESS-TO-BUSINESS INTERNET PORTAL TRANSMITS ELECTRONIC VENDOR CATALOG OF APPROVED PRODUCTS OVER THE INTERNET TO INTERNET-ENABLED COMPUTING DEVICE USED BY BUYER
321
C

FIG. 3C

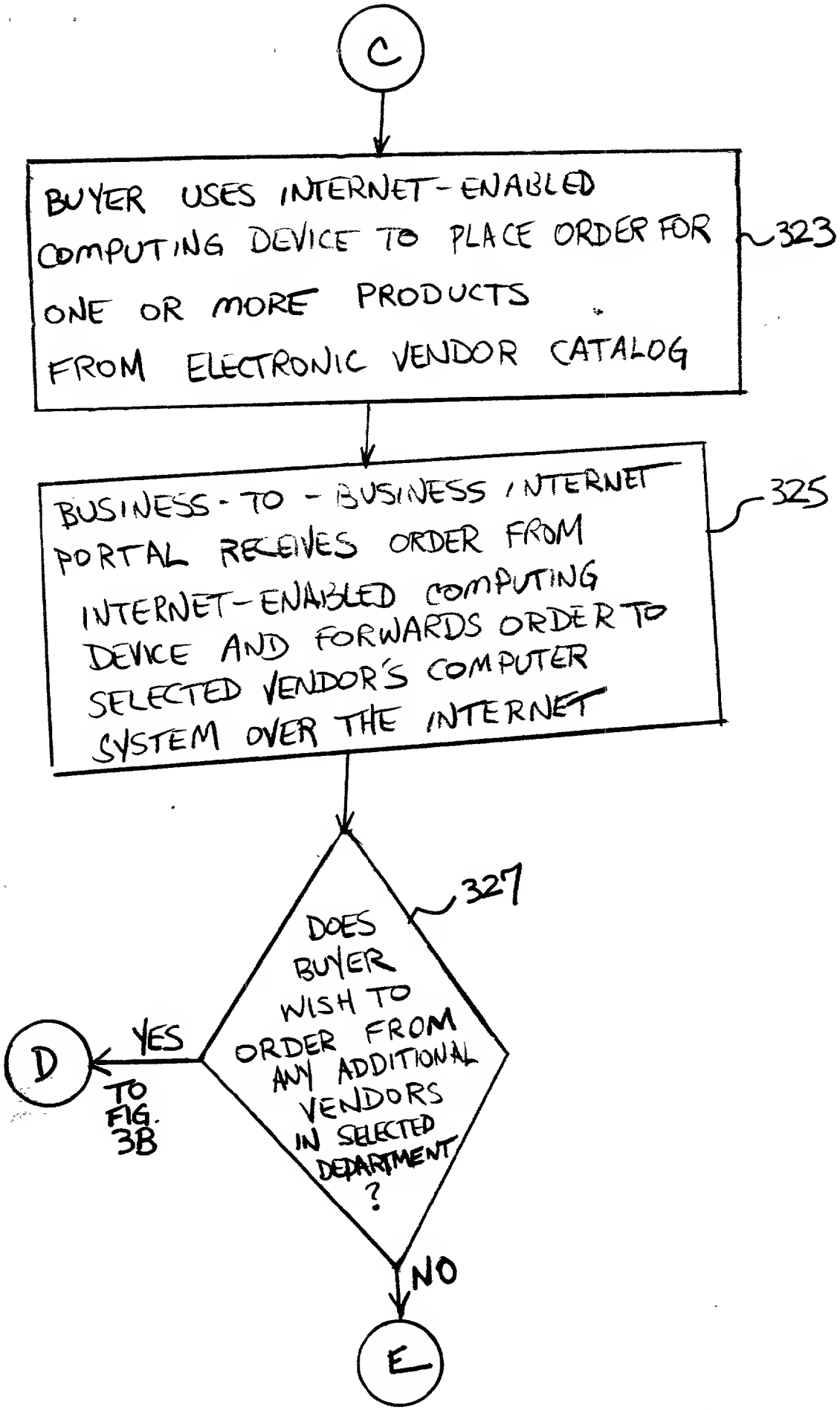
C
BUYER USES INTERNET-ENABLED COMPUTING DEVICE TO PLACE ORDER FOR ONE OR MORE PRODUCTS FROM ELECTRONIC VENDOR CATALOG
323
BUSINESS-TO-BUSINESS INTERNET PORTAL RECEIVES ORDER FROM INTERNET-ENABLED COMPUTING DEVICE AND FORWARDS ORDER TO SELECTED VENDOR'S COMPUTER SYSTEM OVER THE INTERNET
325
DOES BUYER WISH TO ORDER FROM ANY ADDITIONAL VENDORS IN SELECTED DEPARTMENT ?
327
YES
D
TO FIG. 3B
NO
E

FIG. 3D

Docket: 6056.6

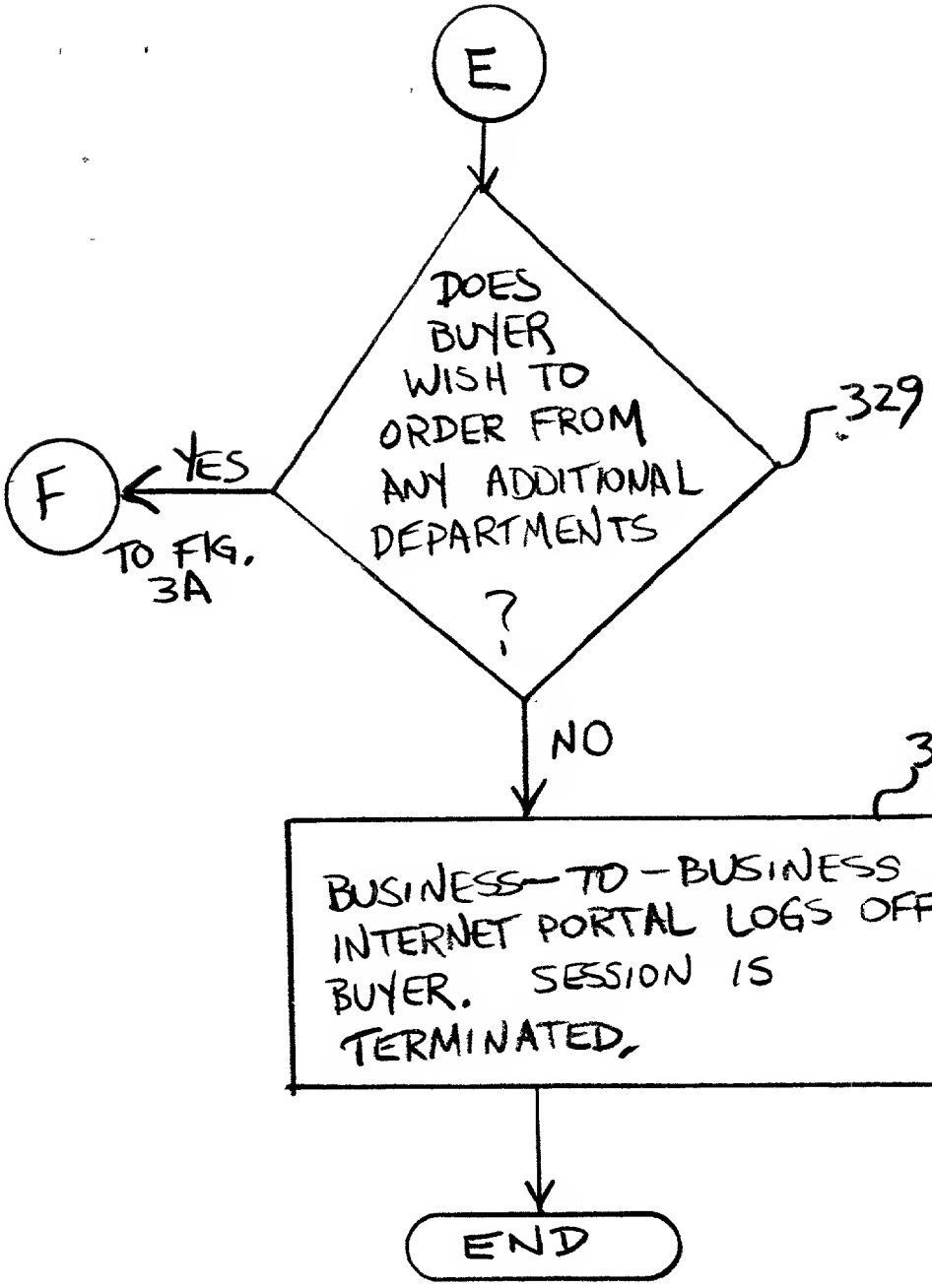

FIG. 3E

BUYERS TABLE 401				
BUYER IDENTIFIER 403	**COMPANY IDENTIFIER 405**	**AUTHORIZED DEPARTMENT IDENTIFIERS 407**	**BUYER LOCATION IDENTIFIER 409**	**BUYER PRIVILEGE LEVEL FIELD 411**
19743	863	10, 21, 47	39	4
JOSEPH	57	PRODUCE, MEATS	520	HIGH
MMARKOV	ACME	DAIRY	CHERRY HILL	2
SLOAN39	GIANT	PRO2, DA17	MARLTON, NJ	MEDIUM
232ABX	S-R376	M27, G01	NJ03	R4
NBQ	KINGS	ALL	ALL	MASTER
437NAN	T-JOES	FROZENFDS	SNJ	PRICE = ADDL_DEPT = 0

FIG. 4

COMPANIES TABLE 500		
COMPANY IDENTIFIER 501	**DEPARTMENTS IDENTIFIER** 503	**PRODUCT IDENTIFIERS** 505
ACME	DAIRY	DANNON_VANILLA_YOGURT KRAFT_AMERICAN_CHEESE ALPINE_LACE_SWISS FLEISCHMANNS_EGG_BEATERS
	PRODUCE	SALTONSEA_PINK_GRAPEFRUIT DOLE_BANANAS TECATE_JALAPEÑOS
11734	B101 CZ7 HCJB	MV86, MC95, MN103, CC1, CC7, CD9, CF116 1190, 5975, 11495
TJOES	FRO-12	CHICKVLOO, KUNGPAO, THAIRICE, ENCHDBL
	CAN-01	CHOCSHELLS, COVJELLY, BELGCHOC, TRUFF4

FIG. 5

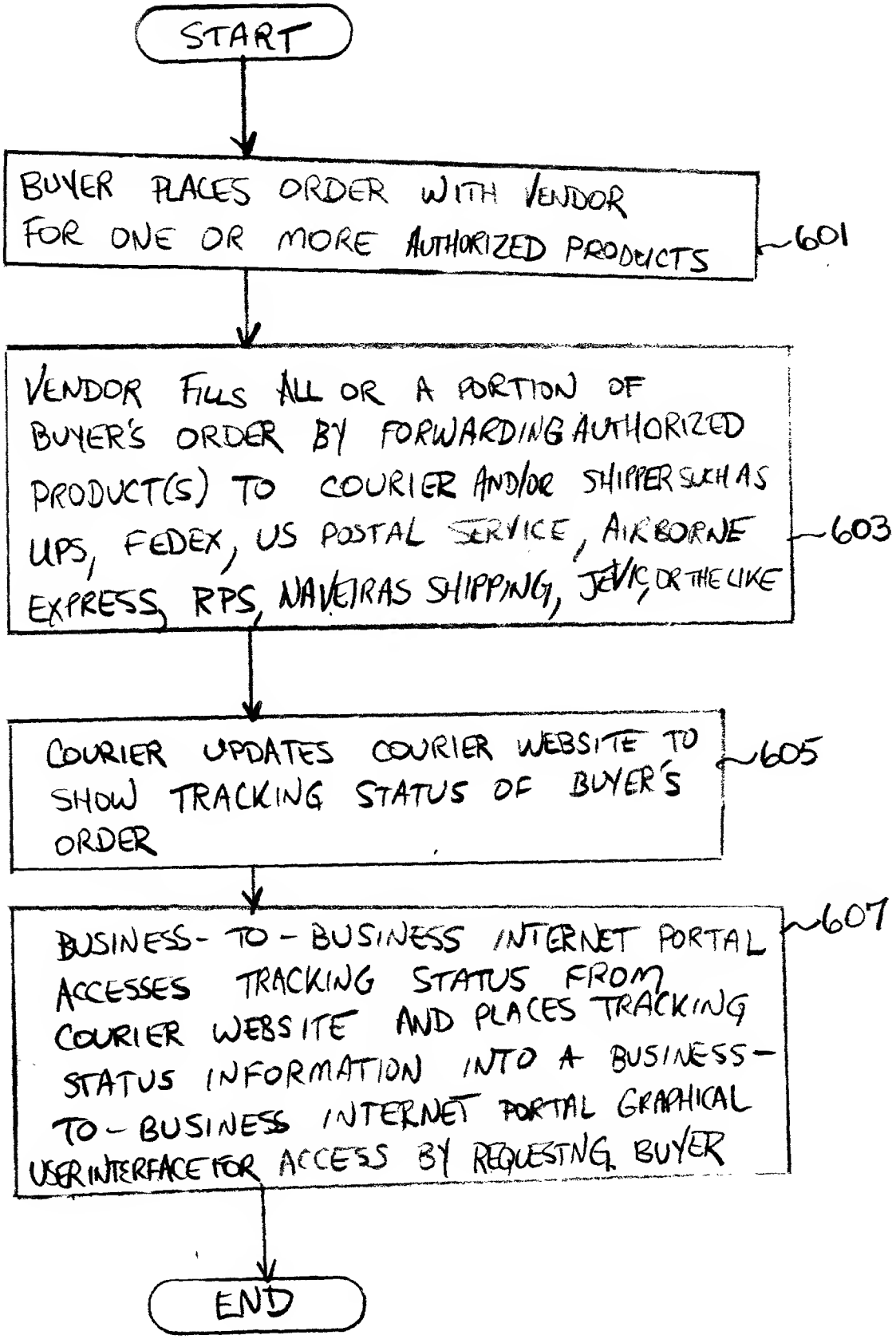
START
BUYER PLACES ORDER WITH VENDOR FOR ONE OR MORE AUTHORIZED PRODUCTS
601
VENDOR FILLS ALL OR A PORTION OF BUYER'S ORDER BY FORWARDING AUTHORIZED PRODUCT(S) TO COURIER AND/OR SHIPPER SUCH AS UPS, FEDEX, US POSTAL SERVICE, AIRBORNE EXPRESS, RPS, NAVEIRAS SHIPPING, JEVIC, OR THE LIKE
603
COURIER UPDATES COURIER WEBSITE TO SHOW TRACKING STATUS OF BUYER'S ORDER
605
BUSINESS-TO-BUSINESS INTERNET PORTAL ACCESSES TRACKING STATUS FROM COURIER WEBSITE AND PLACES TRACKING STATUS INFORMATION INTO A BUSINESS-TO-BUSINESS INTERNET PORTAL GRAPHICAL USER INTERFACE FOR ACCESS BY REQUESTING BUYER
607
END

FIG. 6

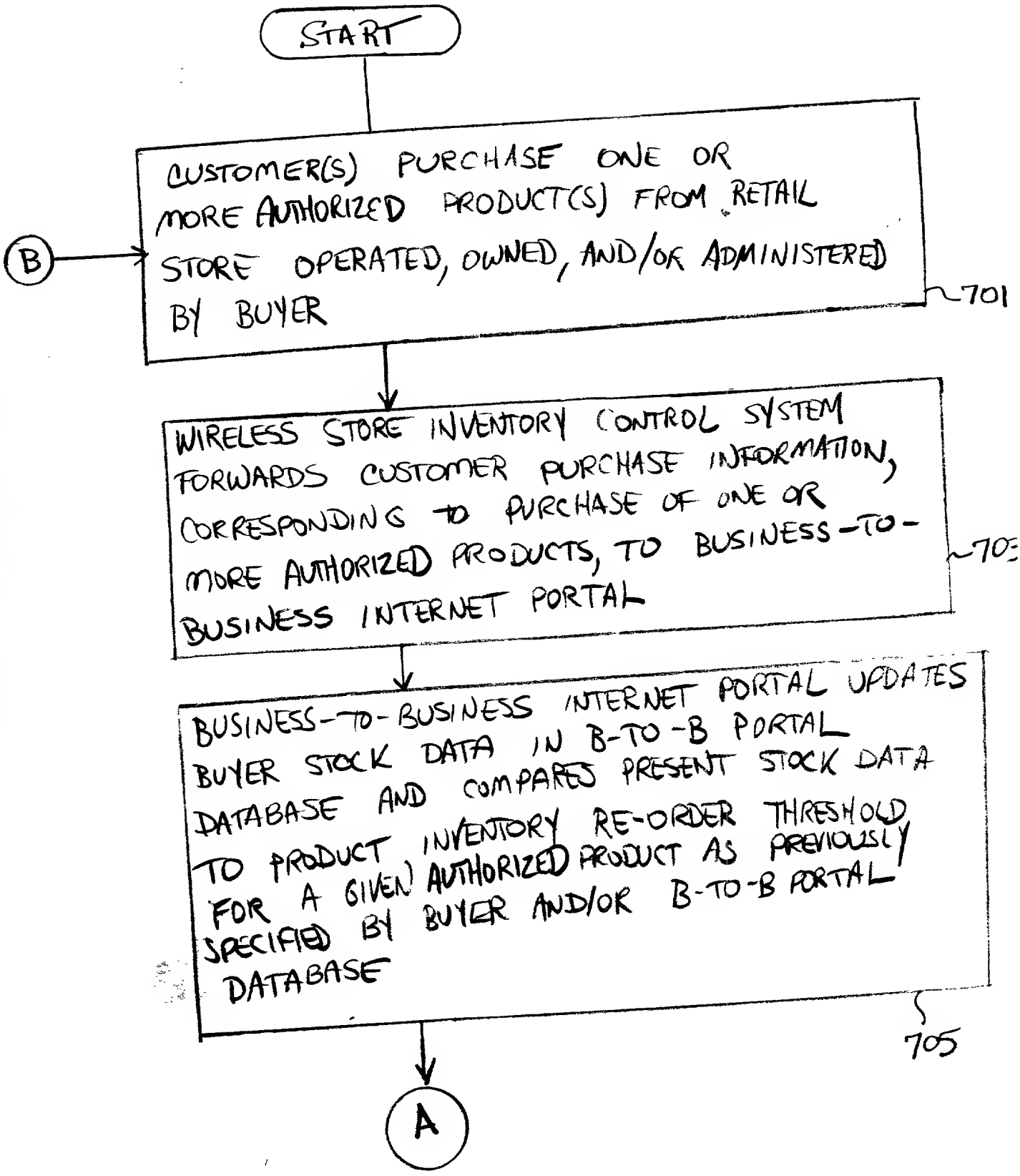
START
CUSTOMER(S) PURCHASE ONE OR MORE AUTHORIZED PRODUCT(S) FROM RETAIL STORE OPERATED, OWNED, AND/OR ADMINISTERED BY BUYER
701
B
WIRELESS STORE INVENTORY CONTROL SYSTEM FORWARDS CUSTOMER PURCHASE INFORMATION, CORRESPONDING TO PURCHASE OF ONE OR MORE AUTHORIZED PRODUCTS, TO BUSINESS-TO-BUSINESS INTERNET PORTAL
703
BUSINESS-TO-BUSINESS INTERNET PORTAL UPDATES BUYER STOCK DATA IN B-TO-B PORTAL DATABASE AND COMPARES PRESENT STOCK DATA TO PRODUCT INVENTORY RE-ORDER THRESHOLD FOR A GIVEN AUTHORIZED PRODUCT AS PREVIOUSLY SPECIFIED BY BUYER AND/OR B-TO-B PORTAL DATABASE
705
A

FIG. 7A

Patent Application Publication

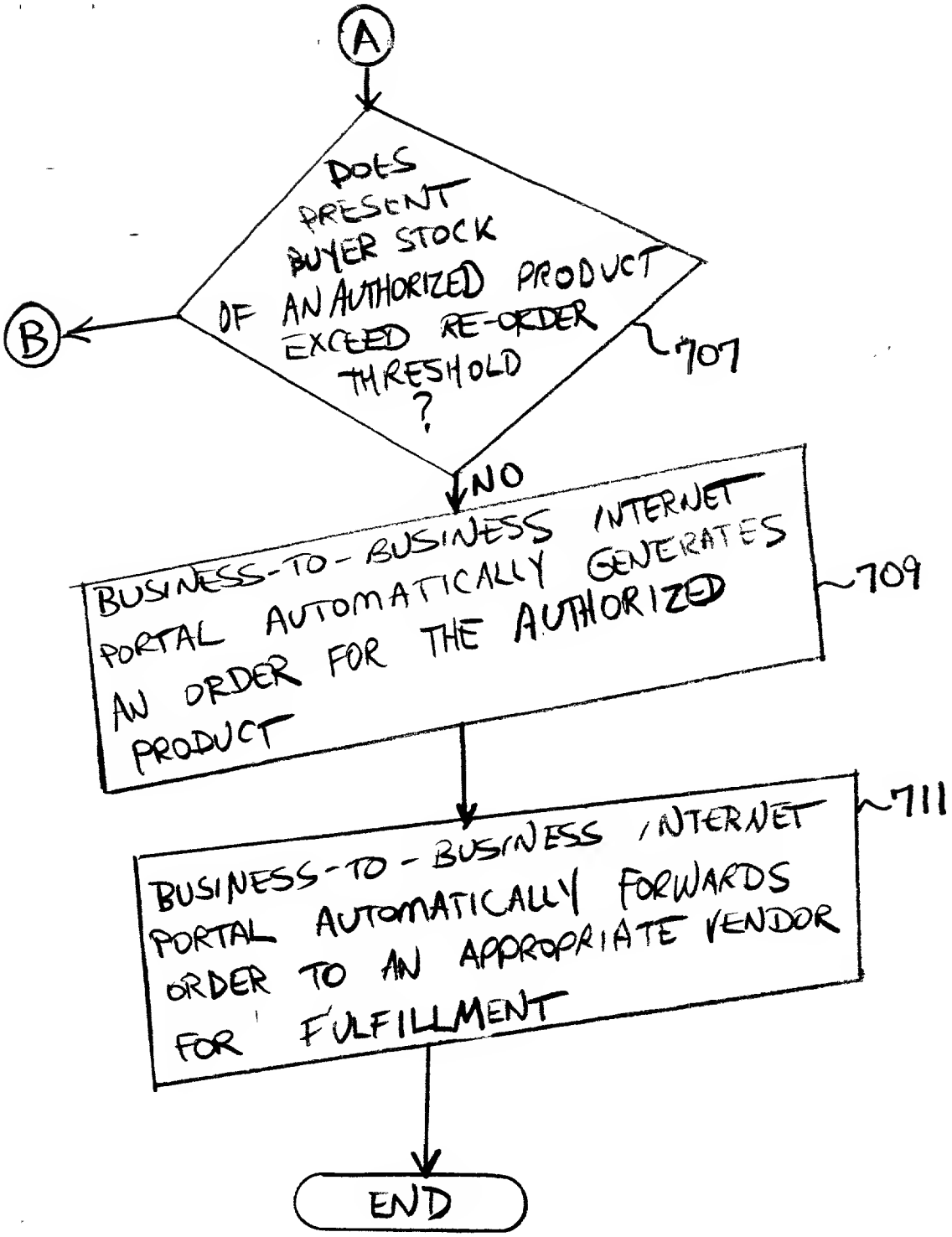

FIG 7B